

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
12 May 2005 (12.05.2005)

PCT

(10) International Publication Number
WO 2005/043350 A2

(51) International Patent Classification⁷:

G06F

(74) Agents: PARZYCH, John, S. et al.; Fredrikson & Byron, P.A., 200 South Sixth Street, Suite 4000, Minneapolis, MN 55402-1425 (US).

(21) International Application Number:

PCT/US2004/036751

(22) International Filing Date:

3 November 2004 (03.11.2004)

(81) Designated States (*unless otherwise indicated, for every kind of national protection available*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US (patent), UZ, VC, VN, YU, ZA, ZM, ZW.

(30) Priority Data:

10/701,377 3 November 2003 (03.11.2003) US

(84) Designated States (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(63) Related by continuation (CON) or continuation-in-part (CIP) to earlier applications:

US 10/701,377 (CON)

Filed on 3 November 2003 (03.11.2003)

US Not furnished (CIP)

Filed on Not furnished

Published:

— without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(71) Applicant (*for all designated States except US*): MEYERS PRINTING COMPANY [US/US]; 7277 Boone Avenue North, Minneapolis, MN 55428 (US).

(72) Inventor; and

(75) Inventor/Applicant (*for US only*): DILLON, David [US/US]; 5275 St. Albans Bay Road, Excelsior, MN 55331 (US).



A2

WO

2005/043350

(54) Title: AUTHENTICATION AND TRACKING SYSTEM

(57) Abstract: A subset of unique codes are generated from a set of codes. The subset of codes are stored in a database on a secure server and each of the codes is marked on a corresponding instantiation of the product. The marked instantiations are distributed. During their distribution, the marked instantiations are verified for authenticity and for routing. This verification is performed by reading or scanning the codes on the instantiations, and transmitting that information to the secure server for comparison against the codes and other information located in the database contained therein.